

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Toby PROCTOR et al.

Application No.:

Group Art Unit:

Filed: (Concurrently)

Examiner:

For: METHOD OF OPERATING A MBMS (MULTIMEDIA BROADCAST MULTICAST SERVICE) FOR A MOBILE STATION ACCORDING TO THE POSITION OR SIGNAL QUALITY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
  - 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
  - 1d. ☐ English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
  - 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
  - 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).
  - 1g. ☒ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).
2. ☐ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  

(Check appropriate Items 2a, 2b, 2c and/or 2d)

  - 2a. ☐ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the

degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)

- 2b. ☐ set forth in the application.
- 2c. ☐ satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete, Abstract or relevant portion(s)) attached thereto.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

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IAP15 Rec'd PCT/PA 16 NOV 2005

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1454.1646	APPLICATION NO. <b>10/557247</b>
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Toby PROCTOR	
		FILING DATE (Concurrently)	GROUP ART UNIT

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
AG 1 309 213 A	05/07/2003	Europe		
AH 01/26397 A	04/12/2001	WIPO		
AI				

**OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

TRANSLATION YES NO	
	AJ Nortel Networks/Samsung, "MBMS Scenarios-UE Link Handling"; 3GPP TSG-RAN2-RAN3 MEETING, April 2003, 7 pages
	AK Isokangas et al., "Multicast in UMTS - Advanced Topics in Broadband Networks", December 2002, 17 pages
	AL Siemens, "Control of p-t-m Radio Configurations for MBMS"; 3GPP RAN 2 & RAN 3 Joint MBMS Meeting, January 2003, 4 pages
	AM PHILIPS: "On the Issue Of Switching Between p2p- and p2m- channels in MBMS"; Joint 3GPP TSG RAN WG2 and WGS on MBMS, January 2003, pp. 1-3

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1454.1646	<b>10/557247</b>
	FIRST NAMED INVENTOR	
	Toby PROCTOR	
	FILING DATE	GROUP ART UNIT
	(Concurrently)	

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC							
	AD							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

							TRANSLATION YES NO	
	AE	International Search Report for International Application No. PCT/GB2004/001876; mailed October 19, 2004						

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	